This Raw Listing contains the General Information Section and up to the first 5 pages.

```
                                SEQUENCE LISTING

(1)    General Information:
  (i)  APPLICANT:  JOHNSON, L.
  (ii)  TITLE OF INVENTION: Human Murine Chimeric Antibodies Against
                            Respiratory Syncytical Virus
  (iii)  NUMBER OF SEQUENCES:  49
  (iv)   CORRESPONDENCE ADDRESS:
(A) ADDRESSEE:  CARELLA, BYRNE, BAIN, GILFILLAN, CECCHI,
STEWART &  OLSTEIN
(B) STREET:  6 BECKER FARM ROAD
(C) CITY:  ROSELAND
(D) STATE:  NEW JERSEY
(E) COUNTRY:  USA
(F) ZIP:  07068
  (v)  COMPUTER READABLE FORM:
(A) MEDIUM TYPE:  3.5 INCH DISKETTE
(B) COMPUTER:  P160
(C) OPERATING SYSTEM:  Windows95
(D) SOFTWARE:  MS Word 97
  (vi)  CURRENT APPLICATION DATA:
(A) APPLICATION NUMBER:  09/158,120
(B) FILING DATE: September 21, 1998
--> (C) CLASSIFICATION:  424
  (vii)  PRIOR APPLICATION DATA
(A)  APPLICATION NUMBER:  08/290,592
(B)  FILING DATE: August 15, 1994
(A)  APPLICATION NUMBER:  07/813,372
(B)  FILING DATE:  December 23, 1991
  (viii)  ATTORNEY/AGENT INFORMATION:
(A) NAME:  Olstein, Elliot M.
(B) REGISTRATION NUMBER:  24,025
(C) REFERENCE/DOCKET NUMBER:  469201-367
  (ix)  TELECOMMUNICATION INFORMATION:
(A) TELEPHONE:  973-994-1700
(B) TELEFAX:  973-994-1744



(2) INFORMATION FOR SEQ ID NO:1:
  (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH:  27 BASE PAIRS
(B) TYPE:  NUCLEIC ACID
(C) STRANDEDNESS:  SINGLE
```

(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: Oligonucleotide
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
AGCGGATCCA GGGGCCAGTG GATAGAC 27

(2) INFORMATION FOR SEQ ID NO:2:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 17 NUCLEOTIDES
(B) TYPE: NUCLEIC ACID
(C) STRANDEDNESS: SINGLE
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: Oligonucleotide
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
TGGATGGTGG GAAGATG 17

(2) INFORMATION FOR SEQ ID NO:3:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 15 NUCLEOTIDES
(B) TYPE: NUCLEIC ACID
(C) STRANDEDNESS: SINGLE
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: Oligonucleotide
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
GGCCAGTGGA TAGAC15

(2) INFORMATION FOR SEQ ID NO:4:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 16 NUCLEOTIDES
(B) TYPE: NUCLEIC ACID
(C) STRANDEDNESS: SINGLE
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: Oligonucleotide
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
TACAGTTGGT GCAGCA16

(2) INFORMATION FOR SEQ ID NO:5:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 24 NUCLEOTIDES
(B) TYPE: NUCLEIC ACID
(C) STRANDEDNESS: SINGLE
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: Oligonucleotide
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
GATGGATCCA GTTGGTGCAG CATC24

(2) INFORMATION FOR SEQ ID NO:6:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 30 NUCLEOTIDES
(B) TYPE: NUCLEIC ACID
(C) STRANDEDNESS: SINGLE
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: Oligonucleotide
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

CACGTCGACA TTCAGCTGAC CCAGTCTCCA 30

(2) INFORMATION FOR SEQ ID NO:7:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 30 NUCLEOTIDES
(B) TYPE: NUCLEIC ACID
(C) STRANDEDNESS: SINGLE
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: Oligonucleotide
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
CGGAATTCAG GTNNANCTGC AGNAGTCWGG 30

(2) INFORMATION FOR SEQ ID NO:8:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 28 NUCLEOTIDES
(B) TYPE: NUCLEIC ACID
(C) STRANDEDNESS: SINGLE
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: Oligonucleotide
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
CCCAAGCTTG GTCCCCCCTC CGAACGTG 28

(2) INFORMATION FOR SEQ ID NO:9:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 39 NUCLEOTIDES
(B) TYPE: NUCLEIC ACID
(C) STRANDEDNESS: SINGLE
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: Oligonucleotide
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
GGCGTCGACT CACCATGGAC ATGAGGGTCC YCGCTCAGC 39

(2) INFORMATION FOR SEQ ID NO:10:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 57 NUCLEOTIDES
(B) TYPE: NUCLEIC ACID
(C) STRANDEDNESS: SINGLE
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: Oligonucleotide
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
GTCACCATCA CTTGCAAGTG CCAGCTGAGT GTAGGTTACA TGCACTGGTA CCAGCAG 57

(2) INFORMATION FOR SEQ ID NO:11:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 54 NUCLEOTIDES
(B) TYPE: NUCLEIC ACID
(C) STRANDEDNESS: SINGLE
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: Oligonucleotide
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
GCAACTTATT ACTGCTTTCA GGGGAGTGGG TACCCATTCA CGTTCGGAGG GGGG 54

(2) INFORMATION FOR SEQ ID NO:12:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 32 NUCLEOTIDES
(B) TYPE: NUCLEIC ACID
(C) STRANDEDNESS: SINGLE
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: Oligonucleotide
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
GTGACCAACA TGGACCCTGC TGATACTGCC AC 32

(2) INFORMATION FOR SEQ ID NO:13:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 29 NUCLEOTIDES
(B) TYPE: NUCLEIC ACID
(C) STRANDEDNESS: SINGLE
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: Oligonucleotide
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:
CCATGTTGGT CACTTTAAGG ACCACCTGG 29

(2) INFORMATION FOR SEQ ID NO:14:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 37 NUCLEOTIDES
(B) TYPE: NUCLEIC ACID
(C) STRANDEDNESS: SINGLE
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: Oligonucleotide
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:
CCAGTTTACT AGTGTCATAG ATCAGGAGCT TAGGGGC 37

(2) INFORMATION FOR SEQ ID NO:15:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 37 NUCLEOTIDES
(B) TYPE: NUCLEIC ACID
(C) STRANDEDNESS: SINGLE
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: Oligonucleotide
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:15:
TGACACTAGT AAACTGGCTT CTGGGGTCCC ATCAAGG 37

(2) INFORMATION FOR SEQ ID NO:16:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 97 AMINO ACIDS
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PROTEIN
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:16:
Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly
5 10 15

Ala Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Asn
20 25 30

Ser Tyr Tyr Met His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu

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206                   35                  40                  45
207
208   Glu Trp Met Gly Ile Ile Asn Pro Ser Gly Gly Ser Thr Ser Tyr
209                   50                  55                  60
210
211   Ala Gln Lys Phe Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser
212                   65                  70                  75
213
214   Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp
215                   80                  85                  90
216
217   Thr Ala Val Tyr Tyr Cys Ala
218                   95
219
220   (2) INFORMATION FOR SEQ ID NO:17:
221    (i) SEQUENCE CHARACTERISTICS:
222   (A) LENGTH:  117 AMINO ACIDS
223   (B) TYPE:  AMINO ACID
224   (D) TOPOLOGY:  LINEAR
225    (ii) MOLECULE TYPE:  PROTEIN
226    (xi) SEQUENCE DESCRIPTION:  SEQ ID NO:17:
227   Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly
228                    5                  10                  15
229
230   Ala Ser Val Lys Val Ser Cys Lys Ala Ser Gly Phe Asn Ile Lys
231                   20                  25                  30
232
233   Asp Tyr Tyr Ile Tyr Trp Val Arg Gln Ala Pro Gly Gln Gly Leu
234                   35                  40                  45
235
236   Glu Trp Ile Gly Trp Ile Asp Pro Glu Asn Gly Asn Thr Val Phe
237                   50                  55                  60
238
239   Asp Pro Lys Phe Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser
240                   65                  70                  75
241
242   Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp
243                   80                  85                  90
244
245   Thr Ala Val Tyr Tyr Cys Ala Tyr Tyr Gly Thr Ser Ser Phe Asp
246                   95                 100                 105
247
248   Phe Trp Gly Gln Gly Thr Thr Leu Thr Val Ser Ser
249                  110                 115
250
251   (2) INFORMATION FOR SEQ ID NO:18:
252    (i) SEQUENCE CHARACTERISTICS:
253   (A) LENGTH:  117 AMINO ACIDS
254   (B) TYPE:  AMINO ACID
255   (D) TOPOLOGY:  LINEAR
256    (ii) MOLECULE TYPE:  PROTEIN
257    (xi) SEQUENCE DESCRIPTION:  SEQ ID NO:18:
258   Glu Val Gln Leu Gln Gln Ser Gly Ala Glu Leu Val Arg Pro Gly
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****** PREVIOUSLY ERRORED SEQUENCES - EDITED *****

(2) INFORMATION FOR SEQ ID NO:49:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 6 AMINO ACIDS
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PROTEIN
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:49:
Ser Val Gly Tyr Met His
5

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION *US/09/158,120A*

DATE: 03/02/2000
TIME: 10:58:54

INPUT SET: S34872.raw

Line	Error	Original Text
24	Wrong Classification	(C) CLASSIFICATION: 424